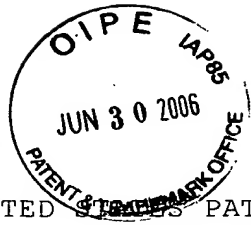


Docket No.: 645-143



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATION

Applicants:

Hiroiyuki Minamikawa et al.

Serial Number: 09/841,614

Filing Date: April 24, 2001

Examiner: Karl Group

Group Art Unit: 1755

Title: LOW EXPANSION TRANSPARENT GLASS-CERAMICS, GLASS-CERAMIC  
SUBSTRATE AND OPTICAL WAVEGUIDE ELEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TERMINAL DISCLAIMER**

SIR:

Your petitioner, Kabushiki Kaisha Ohara, having a place of business at 1-15-30 Oyama, Sagamihara; Kanagawa-Ken, Japan, presents that it is the owner of the above-identified application.


Petitioner hereby disclaims the terminal part of any patent granted on the above-identified application which would extend beyond the expiration date of U.S. Patent No. 5,972,816.

Petitioners also hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during much period that the legal title to said patent shall be the same as the legal title to U.S. Patent No. 5,972,816 and is to be binding on

the grantee, it's successors or assigns.

Kabushiki Kaisha Ohara

Dated: June 27, 2006



James V. Costigan  
Attorney of Record